

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A01N1/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K. MULDREW ET AL.: "Localization of freezing injury in articular cartilage." CRYOBIOLOGY, vol. 31, 1994, pages 31-38, XP002313331	1, 3-9, 12, 13, 16-24, 28-34, 39-41, 44-51
Y	page 32, column 2, paragraph 2 - page 33, column 1, paragraph 1 page 33, column 2, paragraph 3 - page 35, column 1, paragraph 1 ----- -/-	2, 10, 11, 25-27, 35-38

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

26/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Klaver, J

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2004/000929

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K. MULDREW & ET AL.: "Transplantation of articular cartilage following a step-cooling cryopreservation protocol" CRYOBIOLOGY, vol. 43, 2001, pages 260-267, XP002313330 cited in the application page 261, column 1, paragraph 3	1, 3-9, 12, 13, 16-24, 28-34, 39-41, 44-51
Y	page 261, column 2, paragraph 3 page 262, column 1, paragraph 2 - column 2, paragraph 4; table 1 -----	2, 10, 11, 25-27, 35-38
X	L. CSÖNGE ET AL.: "Banking of osteochondral allografts, part II. Preservation of chondrocyte viability during long-term storage." CELL AND TISSUE BANKING, vol. 3, 2002, pages 161-168, XP002313332 page 163, column 1, paragraph 5 - column 2, paragraph 2	1, 3-9, 12, 13, 16-24, 28-34, 39-41, 44-51
Y	page 165, column 2, paragraph 3 - page 166, column 1, paragraph 1; figure 4 -----	2, 10, 11, 25-27, 35-38
X	STEENSEL VAN M A M ET AL: "OPTIMIZATION OF CRYOPRESERVATIVE PROCEDURES FOR HUMAN ARTICULAR CARTILAGE CHONDROCYTES" ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, SPRINGER VERLAG, DE, vol. 113, no. 6, 1994, pages 313-321, XP000925592 ISSN: 0936-8051 cited in the application page 318, column 2, paragraph 2 - page 319, column 1, paragraph 1; tables 2,3 page 320, column 2, paragraph 2 -----	24, 29, 30, 32, 33, 40, 41, 44, 45
X	WO 02/32225 A (ORGAN RECOVERY SYSTEMS) 25 April 2002 (2002-04-25) cited in the application	7, 16, 17, 32, 44, 45
Y	paragraphs '0007!', '0016!', '0017!', '0020!', '0040!', '0044! - '0047!', '0063!', '0064!; example 2 -----	10, 11, 35-38
		-/-

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2004/000929

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 91/06213 A (CRYOLIFE INC) 16 May 1991 (1991-05-16) cited in the application  page 5, lines 19-24 page 7, lines 13-28 page 9, line 28 – page 10, line 27; figure 2; example 2 ----- WO 03/056919 A (ARAV AMIR ; I M T INTERFACE MULTIGRAD TECH (IL)) 17 July 2003 (2003-07-17) cited in the application page 6, lines 2-23 page 7, line 24 – page 9, line 18 page 17, lines 5-23 example 5 ----- WO 98/10231 A (ARAV AMIR ; FRIEDMAN MARK A (IL); INTERFACE MULTIGRAD TECHNOLOGY (IL)) 12 March 1998 (1998-03-12) cited in the application page 1, lines 7-20 page 4, lines 10-18 page 5, lines 14-20 page 13, line 17 – page 14, line 7 page 18, lines 1-10 ----- US 6 488 033 B1 (CERUNDOLO DANIEL G) 3 December 2002 (2002-12-03) cited in the application the whole document -----	1,4-9, 12,13, 16-21, 24, 29-34, 40,41, 44-49  2,10,11, 25-27, 35-38  2,25-27  2,10,11, 25-27, 35-38  46-51
Y		
A		

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IL2004/000929

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0232225	A 25-04-2002	US 6740484 B1		25-05-2004
		AU 1179202 A		29-04-2002
		CA 2426169 A1		25-04-2002
		DE 60103297 D1		17-06-2004
		EP 1326492 A2		16-07-2003
		JP 2004511497 T		15-04-2004
		WO 0232225 A2		25-04-2002
-----	-----	-----	-----	-----
WO 9106213	A 16-05-1991	US 5131850 A		21-07-1992
		AU 7740091 A		31-05-1991
		CA 2067203 A1		04-05-1991
		EP 0500788 A1		02-09-1992
		WO 9106213 A1		16-05-1991
-----	-----	-----	-----	-----
WO 03056919	A 17-07-2003	EP 1476013 A2		17-11-2004
		WO 03056919 A2		17-07-2003
		US 2004265831 A1		30-12-2004
		EP 1428008 A2		16-06-2004
		GB 2400111 A		06-10-2004
		WO 03020874 A2		13-03-2003
		WO 2004003444 A1		08-01-2004
		WO 2004003131 A2		08-01-2004
		US 2004191754 A1		30-09-2004
-----	-----	-----	-----	-----
WO 9810231	A 12-03-1998	US 5873254 A		23-02-1999
		AU 4244797 A		26-03-1998
		EP 0925475 A1		30-06-1999
		WO 9810231 A1		12-03-1998
-----	-----	-----	-----	-----
US 6488033	B1 03-12-2002	US 2002082704 A1		27-06-2002
-----	-----	-----	-----	-----